

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Sep/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.374	503.375	1) Gujrat	7.462	56.305
2) Hydro	17.525	50.023	2) Madhya Pradesh	-1.347	0.368
3) Gas	0.000	14.128	3) Chattisgarh	2.120	11.800
Total MSPGCL	96.899	567.526	4) Maharashtra	115.282	685.437
B) 1) APMIL	49.111	311.603	5) Goa (Amona)	-0.572	-3.674
2) JSWEL	20.810	125.103	Total	122.945	750.236
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.120	135.382
4) RPL(AMT)	19.213	121.420	b) Mumbai Drawl	32.707	176.479
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.039	65.592
6) Other IPP	2.756	16.866	Include PX	1.748	-6.243
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.120	135.382
C) 1) TPCL Thermal	12.323	75.262	Include PX	10.313	58.277
2) TPCL Hydro	4.531	19.613	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.969	55.324	1) MSEDCL	339.224	1997.657
D) STATE			2) Mumbai Discoms	58.530	334.555
1) Thermal	192.556	1208.953	TOTAL STATE	397.754	2332.212
(A1+C1+C4+(B1-B6))					
2) Hydro	22.056	69.636			
(A2+C2)					
3) Gas	0.000	22.012			
(A3+B7+C3)					
4) Wind	56.435	255.435			
6) SOLAR	3.762	25.947			
TOTAL STATE	274.809	1581.983			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3223	3280	3499	3298
MSPGCL Hydro	969	1000	1055	168
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	4192	4280	4554	3466
Central Sector Receipt	6072	5727	5037	4220
WIND	2480	2373	2219	2336
CPP / IPP Thermal	4052	3818	4127	3612
CPP / IPP Gas	0	0	0	0
SOLAR	469	531	0	0
Exchange with Mumbai	-1796	-1867	-1555	-792
MSEDCL DEMAND MET	15468	14862	14382	12842
Load Shedding	0	0	0	0
MSEDCL DEMAND	15468	14862	14382	12842
TPCL GENERATION	829	770	783	588
AEML GENERATION	373	374	374	374
MUMBAI DEMAND	2998	3011	2712	1754
STATE DEMAND MET	18466	17872	17094	14596
STATE DEMAND	18466	17872	17094	14596
Frequency (Hz)	50.01	50.02	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12:02 Hrs	49.79 Hz at 20:36 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 06/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.56	10.19	105	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	0.00	10.02	0	0
Unit 10	0.00	17.77	0	0
Total	0.56	37.99		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.42	56.52	500	355
Unit 5	0.00	0.00	0	0
Total	9.42	59.44		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.73	28.59	219	189
Unit 7	4.74	28.34	223	187
Unit 8	0.00	0.00	0	0
Total	9.47	56.93		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.88	18.68	127	105
Unit 5	6.60	41.72	295	253
Unit 6	6.55	35.76	300	230
Unit 7	0.00	0.00	0	0
Unit 8	5.20	40.62	260	190
Unit 9	5.22	38.59	256	185
Total	26.45	175.37		
Paras				
Unit 3	3.92	16.57	204	130
Unit 4	0.00	0.00	0	0
Total	3.92	16.57		
Khaparkheda				
Unit 1	3.28	16.70	145	120
Unit 2	0.00	0.00	0	0
Unit 3	3.46	19.66	150	137
Unit 4	3.56	20.16	155	140
Unit 5	9.13	44.53	430	359
Total	19.42	101.06		
Nasik				
Unit 3	2.79	17.18	128	85
Unit 4	3.58	19.70	163	131
Unit 5	3.75	19.14	168	145
Total	10.13	56.02		
Uran				
All Units	0.00	14.13	0	0
Total	0.00	14.13		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.02	0.31	10	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.31		
Koyna				
Stage 1-2	1.72	12.02	170	40
Stage 4	9.60	9.85	750	0
Stage 3	3.22	11.88	240	0
Total	14.53	33.74		
Hydro				
KDPH	0.79	4.82	33	32
VTRNA	0.00	0.00	0	0
TILLARI	0.54	2.90	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	2.40	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.35	2.07	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.87	4.10	37	36
GHATGHAR	0.00	0.00	0	0
Total	3.00	16.28		
Wind				
Total	56.44	255.44	0	0
Total	56.44	255.44		
CPP				
APML(Mus)	49.11	311.60	0	0
JSWEL(Mus)	20.81	125.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	19.21	121.42	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.76	16.87	0	0
Total	91.89	574.99		
SOLAR				
Total	3.76	25.95	0	0
Total	3.76	25.95		
Tata				
Trombay 5	7.58	46.52	319	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	4.66	0	0
Trombay 7B	0.00	3.22	0	0
Trombay 8	4.75	28.74	202	196
TATA Hydro	4.53	19.61	316	75
Total	16.85	102.76		
AEML				
DTPS U-1&2	8.97	55.32	375	373
Total	8.97	55.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	79.37	503.38	MSPGCL Total	96.90	567.53
			MSPGCL Thml+Gas	79.37	517.50	Koyna 1,2 & 4 Total	11.31	21.86
			MSPGCL Hydro	17.52	50.02	State Total	274.81	1581.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Sep/2019

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3329	134	0	3463	2202	3748	0	0	4654	4629	-983	13060	0	13060	2020	15080	49.98
2	3282	134	0	3416	2137	3780	0	0	4502	4444	-882	12894	0	12894	1883	14778	50.02
3	3358	133	0	3491	2264	3752	0	0	4416	4257	-838	12926	0	12926	1796	14722	50.01
4	3298	168	0	3466	2336	3612	0	0	4200	4220	-792	12842	0	12842	1754	14596	50.00
5	3288	138	0	3426	2333	3660	0	0	4422	4529	-790	13158	0	13158	1751	14909	49.99
6	3378	148	0	3526	2396	4075	0	0	5114	5169	-875	14291	0	14291	1837	16128	49.95
7	3425	204	0	3629	2350	4138	0	25	6170	6200	-966	15376	0	15376	1959	17336	50.03
8	3366	219	0	3585	2393	4262	0	117	6387	6326	-1143	15540	0	15540	2149	17689	50.03
9	3376	296	0	3672	2566	4232	0	290	6239	6143	-1433	15470	0	15470	2487	17956	50.02
10	3311	735	0	4046	2585	4170	0	357	5852	5832	-1607	15384	0	15384	2806	18190	49.99
11	3223	969	0	4192	2480	4052	0	469	6023	6072	-1796	15468	0	15468	2998	18466	50.01
12	3324	1010	0	4334	2230	4080	0	500	6260	5880	-1940	15084	0	15084	3085	18169	50.01
13	3280	1000	0	4280	2373	3818	0	531	5913	5727	-1867	14862	0	14862	3011	17872	50.02
14	3222	1263	0	4485	2536	3652	0	464	5027	5132	-1692	14578	0	14578	2820	17398	50.00
15	3240	1193	0	4433	2551	3643	0	467	5279	5029	-1694	14429	0	14429	2801	17230	49.97
16	3255	1202	0	4457	2705	3543	0	299	5152	4709	-1679	14034	0	14034	2796	16830	50.05
17	3213	1133	0	4346	2631	3508	0	191	4608	4887	-1664	13899	0	13899	2768	16667	50.02
18	3207	1148	0	4355	2577	3557	0	48	4868	4941	-1621	13857	0	13857	2746	16603	50.00
19	3357	1093	0	4450	2389	3663	0	4	5181	5163	-1637	14032	0	14032	2757	16789	49.98
20	3499	1055	0	4554	2219	4127	0	0	5114	5037	-1555	14382	0	14382	2712	17094	49.98
21	3328	1076	0	4404	1958	3848	0	0	4835	4874	-1416	13668	0	13668	2591	16258	49.95
22	3335	1121	0	4456	2041	3834	0	0	4717	4683	-1310	13704	0	13704	2458	16162	50.00
23	3262	973	0	4235	2080	3632	0	0	4865	4703	-1307	13342	0	13342	2329	15672	50.00
24	3218	980	0	4198	2103	3506	0	0	4497	4359	-1220	12946	0	12946	2216	15162	50.02
MUs	79.37	17.52	0.00	96.90	56.43	91.89	0.00	3.76	124.29	122.94	-32.71	339.22	0.00	339.22	58.53	397.75	50.00

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Sep/2019

Position as on 6.30 Hrs of 07/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure(Converted to AOH from 16-8-2019)	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Ghatghar Unit-1	125	13/08/2019	21.30		Continued.	Water Leakage	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.	
MSPGCL	Chandrapur Unit 3	210	31/08/2019	16.21		Continued.	W/D Due To Wet Coal.	
IPP	Adani U-3	660	01/09/2019	00.51		Continued.	APH 3B Support bearing Abnormal Sound.	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 9	660	02/09/2019	16.19		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	03/09/2019	04.22		Continued.	HP feed water pump fault.	
MSPGCL	Uran Unit 5	108	03/09/2019	04.24		Continued.	boiler discrepancy.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Sep/2019

Position as on 6.30 Hrs of 07/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit B0	120	03/09/2019	09.21		Continued.	Gas shortage due to fire at ONGC.	
MSPGCL	Uran Unit 8	108	03/09/2019	09.21		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7B	60	03/09/2019	10.42		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7A	120	03/09/2019	10.56		Continued.	Gas shortage due to fire at ONGC.	
MSPGCL	Koradi Unit 10	660	03/09/2019	19.00		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	06/09/2019	05.37	06/09/2019	13.29	Drum level low	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 07/Sep/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Khandwa I	InterState	26/08/2019	09.04		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31		Continued.	HT	Control line loading.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	06/09/2019	10.20	06/09/2019	12.30	PO	Testing Work
Padghe - Kalwa-II	IntraState	06/09/2019	14.35	06/09/2019	22.22	EO	For attending Broken Conductor of Y phase Wavetrap
Dhule- Bableshwar - I	IntraState	07/09/2019	00.30		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Dist.Protection(Tower Bending Location no.28,29)
Pohali-Nerle	IntraState	05/09/2019	09.45	06/09/2019	13.40	T	Distance Protection
Nerle - Dasgaon	IntraState	05/09/2019	10.43		Continued.	HT	On overloading Due To Tripping Of Pophali-Nerle Line.
Pophali - Pedambe II	IntraState	06/09/2019	08.50	06/09/2019	10.00	EO	SF6 Gas Filling
Adlabs - Pedambe	IntraState	06/09/2019	09.58		Continued.	T	Distance Protection
Nerle - Dasgaon	IntraState	06/09/2019	10.43	06/09/2019	13.54	HT	H/T on overloading due to tripping of Pophali-Nerle Line
Karad - Kadegaon	IntraState	06/09/2019	10.56	06/09/2019	17.34	EO	To attend Distance Prot.Relay
Taloja II - OCIL-I	IntraState	06/09/2019	11.24	06/09/2019	14.00	PO	Line Maintenance work
Mahad - Pedambe	IntraState	06/09/2019	12.26	06/09/2019	12.48	T	Distance Protection
Tambati - Adlabs	IntraState	06/09/2019	22.20	07/09/2019	01.35	EO	To attend Isolator problem at Adlab
220 KV ICT Outages/Trippings							
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	06/09/2019	10.36	06/09/2019	13.00	PO	Quarterly Maintainance Work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage